

In the Specification

Please delete the paragraph beginning on page 1, after "Cross-Reference to Related Applications" and replace it with the following paragraph:

The present application is related to commonly assigned U.S. ~~patent application Serial~~ Patent No. 7,010,776, ~~_____ (Attorney Docket No. FIS920030107,~~ titled "EXTENDING THE RANGE OF LITHOGRAPHIC SIMULATION INTEGRALS"), ~~U.S.~~ patent application Serial No. ~~_____ (Attorney Docket No. FIS920030108~~ 10/694,465, titled "INCORPORATION OF A PHASE MAP INTO FAST MODEL-BASED OPTICAL PROXIMITY CORRECTION SIMULATION KERNELS TO ACCOUNT FOR NEAR AND MID-RANGE FLARE"), ~~U.S. patent application Serial No. 10/694,473 _____ (Attorney Docket No. FIS920030109,~~ titled "IMPROVEMENT OF PERFORMANCE IN MODEL-BASED OPC ENGINE UTILIZING EFFICIENT POLYGON PINNING METHOD"), and U.S. ~~patent application Serial~~ Patent No. 7,055,126, ~~_____ (Attorney Docket No. FIS920030110,~~ titled "RENESTING INTERACTION MAP FLAREMAP INTO DESIGN FOR EFFICIENT LONG RANGE LONG RANGE FLARE CALCULATION").